

ROCKY FLATS ENVIRONMENTAL TECHNOLOGY SITE

DRAFT ER REGULATORY CONTACT RECORD

Date/Time: February 18, 2003/8:45 am

Site Contact(s): Gerry Kelly
Phone: 303-966-4979

Regulatory Contact: Dave Kruchek
Phone: 303- -692-3328

Agency: CDPHE

Purpose of Contact: GS-10 Source Evaluation

Discussion

CDPHE approved the ER IASAP Addendum to characterize IHSS Group 900-1 (IASAP FY03 Addendum #IA03-03), but noted that additional investigation is expected to properly identify the source or sources of the contamination seen at GS-10. Presented below is Kaiser-Hill's general, phased approach for this additional investigation, which was communicated to CDPHE. No agreement has yet been reached regarding this approach, and specific objectives and plans will need to be developed to adequately investigate contaminant sources.

- Characterize IHSS Group 900-1 surface and subsurface soils during FY03 per Addendum #IA03-03.
- Proceed with existing plans to install in early CY03 a new surface water performance monitoring station (SW-021), which will be located downstream of Building 991 and will assist in evaluating potential surface water quality impacts from the Building 991 area.
- During the B Ponds remediation project, characterize the B Ponds drainage area, including the S. Walnut Cr. stream reach between Bldg 991 and GS-10. Coordinate characterization with the Actinide Migration Evaluation to maximize the source evaluation.

The Environmental Restoration, Surface Water, and Actinide Migration Evaluation groups will evaluate all of the data collected as part of the above-listed characterization to determine the scope and extent of remediation of the B Ponds drainage area. Remediation of the B Ponds is scheduled to occur during late FY04, after much of the upstream building demolition has occurred. Therefore, the B Pond remediation project will evaluate any potential positive or negative impacts associated with upstream building demolition and remediate as necessary.

Dave Kruchek mentioned that the Site might need to install another surface water monitoring station if SW-021 data does not identify the source of contamination seen at GS-10 (i.e., if the source of contamination is not the Bldg 991 area). He mentioned that there is already some surface water and sediment data that indicate the Bldg 991 area might not be a contamination source. He also said that the need for an additional station needs to be determined relatively quickly because time needed to install another station and evaluate its data is running out.

While K-H agrees that installation of an additional surface water monitoring station will be evaluated, it is most likely that the source is relatively low-level, and well distributed after 50 years of Site operations. In that case, additional surface water monitoring locations are unlikely to get to the root of the issue, and other evaluations will need to be performed. Such evaluations will be designed through the Integrated Monitoring Program and finalized through the RFCA consultative process.

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